

Filippo De Rossi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8620349/publications.pdf>

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15
papers

1,239
citations

840585

11
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy refurbishment of existing buildings through the use of phase change materials: Energy savings and indoor comfort in the cooling season. <i>Applied Energy</i> , 2014, 113, 990-1007.	5.1	255
2	Green roofs in European climates. Are effective solutions for the energy savings in air-conditioning?. <i>Applied Energy</i> , 2013, 104, 845-859.	5.1	226
3	Energy retrofit of historical buildings: theoretical and experimental investigations for the modelling of reliable performance scenarios. <i>Energy and Buildings</i> , 2011, 43, 1925-1936.	3.1	177
4	Optimization of building envelope design for nZEBs in Mediterranean climate: Performance analysis of residential case study. <i>Applied Energy</i> , 2016, 183, 938-957.	5.1	162
5	Energy retrofit of an educational building in the ancient center of Benevento. Feasibility study of energy savings and respect of the historical value. <i>Energy and Buildings</i> , 2015, 95, 172-183.	3.1	137
6	Analysis and diagnosis of the energy performance of buildings and districts: Methodology, validation and development of Urban Energy Maps. <i>Cities</i> , 2013, 35, 270-283.	2.7	83
7	Different methods for the modelling of thermal bridges into energy simulation programs: Comparisons of accuracy for flat heterogeneous roofs in Italian climates. <i>Applied Energy</i> , 2012, 97, 405-418.	5.1	47
8	A framework for NZEB design in Mediterranean climate: Design, building and set-up monitoring of a lab-small villa. <i>Solar Energy</i> , 2019, 184, 11-29.	2.9	40
9	Simplified state space representation for evaluating thermal bridges in building: Modelling, application and validation of a methodology. <i>Applied Thermal Engineering</i> , 2013, 61, 344-354.	3.0	38
10	MATRIX, a multi activity test-room for evaluating the energy performances of "building/HVAC"™ systems in Mediterranean climate: Experimental set-up and CFD/BPS numerical modeling. <i>Energy and Buildings</i> , 2016, 126, 424-446.	3.1	38
11	Numerical optimization for the design of living walls in the Mediterranean climate. <i>Energy Conversion and Management</i> , 2019, 195, 573-586.	4.4	17
12	Multi-Disciplinary Analysis of Light Shelves Application within a Student Dormitory Refurbishment. <i>Sustainability</i> , 2021, 13, 8251.	1.6	8
13	Are transparent double-skin facades effective for energy retrofit? Answers for an office building - with and without photovoltaic integration. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 257-271.	1.2	6
14	Energy Audit of Health Care Facilities: Dynamic Simulation of Energy Performances and Energy-Oriented Refurbishment of System and Equipment for Microclimatic Control. <i>American Journal of Engineering and Applied Sciences</i> , 2016, 9, 814-834.	0.3	5
15	Exergetic and thermodynamic comparison of R12 and R134a as vapour compression refrigeration working fluids. <i>International Journal of Refrigeration</i> , 1993, 16, 156-160.	1.8	0